

Energy Efficiency and Conservation Program



*Wagoner County
Board of County Commissioners
2010*

I. Purpose:

To make Wagoner County more energy consumptive conscious and to reduce costs by tracking county-wide energy usage at various county owned facilities.

II. Objectives:

This Program has two integrated goals, to: 1) Improve existing buildings and facilities to lower the County's energy costs; and 2) Develop a process to continuously improve facility operations.

Another objective of this Program is to reduce energy consumption by 25% from 2006 costs.

III. Personnel Designations:

The County Engineer shall be designated as the Energy Manager. An Administrative Assistant may assist in organizing and collating information and preparing the semi-annual report.

IV. Implementation & Activities:

The Energy Manager will review the historical usage and energy consumption to make recommendations to the Board of County Commissioners where improvements within the county may be made to increase energy savings.

The Energy Manager's report serves as Wagoner County's implementation plan upon approval by the Board of County Commissioners. We will use EECBG funds on-hand to provide capital for the energy efficiency strategies outlined in the energy audit.

Potential improvements that may be funded may include but are not limited to:

- Purchase and or install software and or equipment to collect and manage energy audit information including paperless data collection – scanner – presentation projector
- Plaques, awards and publications that recognize those within the community who have made significant impacts in the area of energy efficiency or improved energy reducing technology.
- Replace lighting fixtures including existing exit signs with new LED.
- Replace HVAC systems

In addition to reducing energy costs, these improvements will enhance occupant comfort and reduce maintenance costs.

EECBG funds for the Capital Improvement Energy Efficiency Retrofit Program will also be used to sustain and support the Wagoner County Energy Manager who is to promote, monitor and maintain the capital and operational energy conservation measures. The Energy Manager's position will expand to address other energy related initiatives as they develop by the Wagoner County Board of Commissioners.

Wagoner County is a member of multiple Council of Government's in the City of Tulsa and City of Muskogee area. The County may coordinate with them as part of the strategy. Our findings during the semi-annual energy audit may fold the advice and or the conclusions of others that the Board of County Commissioners feel are or would be of added benefit to Wagoner County.

The County will make inquiries at the State level regarding the energy audit and energy efficiency programs and will attend energy strategy meetings held within the State to improve our knowledge and approach synergy with our government partners.

Wagoner County is a member of INCOG and has a publically viewable website and will make the plan and energy audit report available for viewing online. The County will make inquiries regarding the energy audit conclusions of other and will attend energy strategy meetings held within the local community to improve our knowledge and approach synergy with our government partners.

V. Reports and Program Tracking:

The Energy Manager will track improvements and the program savings over time. The Energy Audit report will be available to the public via the Wagoner County official website. The website will begin posting information upon this strategy's approval with the first energy report will be made public by July 31st , 2012.

The internet will be a key tool for tracking this project. Wagoner County has a publically viewable website and will make the plan and energy audit report available for viewing online.

Energy performance for each County-owned facility will be available as the data is posted on the website and will continue to be updated as the projects move forward. Key metrics such as energy savings, cost savings per sq. ft., and dollars saved since 2006 will be highlighted from among the other metrics as approved by the Board of County Commissioners. All plans and activities are subject to the Board of County Commissioner oversight and approval before and after being vetted through the Energy Manager.

Wagoner County has created a "Saving Your Dollars" page on our County website that lists all project announcements, reports, studies, energy audits, goals, public hearings and events.

The program will ultimately be managed by the Wagoner County Board of Commissioners with over-site by the Energy Manager. Wagoner County will sustain employment of the current employee base to create this program. Wagoner County may, after realizing the sustained cost savings this program generates, employ a new administrative assistant who would, as their duties, administer this program and produce the semi-annual report for the Energy Manager's review.

A semi-annual energy audit report will be generated during the life of this program.

VI. Economic Impact & Program Justification:

Realized savings from reduction in energy consumption will justify the hiring of the Energy Manager and/or sustain existing employment(s) of others within the County, as well as costs for developing and maintaining the Energy Efficiency and Conservation Program.

Wagoner County plans to use EECEBG funds to implement energy conservation measures. Funds will be used to sustain the employment of County personnel who are delegated the responsibility to develop, track and implement the program.

To further the overall stimulus objective, we intend is to use EECEBG funds to hire and or sustain existing employment(s) within the County. The Energy Manager shall identify, recommend and plan capital improvements that reduce energy and related costs. The energy audit may also specifically identify the energy improvements and operational changes recommended for all County-owned buildings.

Energy reductions and cost savings associated with this program will justify the energy management costs over the lifetime of the installed equipment.

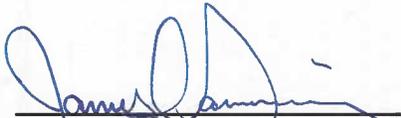
Appointing an Energy Manager to oversee regular operations and maintenance costs and to track, measure and verify savings through data management will provide a solid managerial platform for future energy efficiency building initiatives as the County continues to grow. We plan on using future County-wide energy cost savings to support and sustain this critical leadership position.

Sustained benefits will also result from the data management that provides for energy tracking to quickly identify changes in energy use patterns that could mean precursors to mechanical failure or miscalibration.

VII. Facilities:

The Energy Manager will recommend improvements at all county owned and leased facilities.

Approved this 19th day of December, 2011


James Hanning, Chairman


Chris Edwards, District 2


Tim Kelley, District 3



ATTEST: Carolyn M. Kusler

Wagoner County Clerk

